

I claim:

- 1 **1. (currently amended) A boat trailer tug comprising:**
- 2 a primary collar, a mounting beam fixed ~~connected~~ to the primary
- 3 collar and extending to the rear of the primary collar, a hitch tongue fixed to the
- 4 primary collar and extending forward from the primary collar, a hitch assembly
- 5 component attached to a hitch tongue forward end, and a mast connected to the
- 6 primary collar;
- 7 a vertical height adjustment frame slidably attached to the mast and
- 8 ~~an actuator connected to the vertical height adjustment frame an~~ , a bell crank
- 9 pivotally attached to the mast and having a bell crank first end pivotally attached
- 10 to the vertical height adjustment frame and a bell crank second end, and a linear
- 11 actuator pivotally attached to the bell crank second end and pivotally attached to
- 12 the primary collar and wherein the linear actuator is operable to move the vertical
- 13 height adjustment frame generally vertically relative to the primary collar;
- 14 a power unit frame connected to the vertical height adjustment
- 15 frame, a motor mounted on the power unit frame, at least one tire and wheel
- 16 journaled on the power unit frame for rotation about a generally horizontal axis,
- 17 and driven by the motor through a multi ration transmission; and
- 18 a steering assembly mounted on the vehicle height adjustment
- 19 frame and connected to the at least one tire and wheel and operable to pivot the
- 20 at least one tire and wheel about a generally vertical axis to change the direction
- 21 of movement of said boat trailer tug.

1 2. (original) A boat trailer tug, as set forth in claim 1, wherein the mast connected
2 to the primary collar includes at least one generally vertical mast beam; and
3 wherein the vertical height adjustment frame is slidably connected to
4 the at least one generally vertical mast beam.

1 3. (cancel) A boat trailer tug, as set forth in claim 1, wherein the actuator
2 connected to the vertical height adjustment frame is a linear actuator that is also
3 connected to the primary collar.

1 4. (original) A boat trailer tug, as set forth in claim 1, wherein the power unit
2 frame is pivotally connected to the vertical height adjustment frame for pivotal
3 movement about a generally vertical axis.

1 5. (original) A boat trailer tug, as set forth in claim 4, wherein the steering
2 assembly pivots the power unit frame about the generally vertical axis.

1 6. (currently amended) A boat trailer tug comprising:
2 a primary collar, a mounting beam fixed to the primary collar,
3 extending to the rear of the primary collar and connectable to a boat trailer, a hitch
4 tongue ~~connected~~ fixed to the primary collar and extending forward from the
5 primary collar, and a hitch assembly component attached to a hitch tongue
6 forward end;
7 a primary mast including a primary front vertical member with a front
8 member lower end fixed to the primary collar, a primary rear vertical member with

9 a rear member lower end fixed to the primary collar, and a primary horizontal
10 beam fixed to a primary front vertical member upper end and a primary rear
11 vertical member upper end;
12 a vertical height adjustment frame slidably attached to the primary
13 front vertical member and the primary rear vertical member of the primary mast;
14 a linear actuator connected to the primary collar and to the vertical
15 height adjustment frame to slide the vertical height adjustment frame relative to
16 the primary mast;
17 a power unit frame pivotally connected to the vertical height
18 adjustment frame for pivotal movement about a generally vertical axis, a motor
19 mounted on the primary power unit frame, at least one tire and wheel journaled on
20 the power unit frame for rotation about a generally horizontal axis and driven by
21 the motor through a multi ratio transmission; and
22 a steering assembly connected to the power unit frame for pivoting
23 the power unit frame about the generally vertical axis relative to the vertical height
24 adjustment frame.

1 7. (original) A boat trailer tug, as set forth in claim 6, wherein the linear actuator
2 is connected to the vertical height adjustment frame through a bell crank that is
3 pivotally attached to the primary mast.

1 8. (original) A boat trailer tug, as set forth in claim 6, including an operator's seat
2 mounted on the primary collar.

1 **9. (currently amended)** A boat trailer tug, as set forth in claim 6, wherein the
2 vertical height adjustment frame includes a ring member that is smaller than the
3 primary collar and can pass through the primary collar.

1 **10. (original)** A boat trailer tug, as set forth in claim 9, wherein the vertical
2 height adjustment frame includes a secondary mast with a secondary front vertical
3 member connected to the ring member, a secondary rear vertical member
4 connected to the ring member and a second top horizontal bar connected to the
5 secondary front vertical member and the secondary rear vertical member and
6 wherein the power unit frame is pivotally connected to the secondary top
7 horizontal bar.

1 **11. (new)** A boat trailer tug comprising:
2 a primary collar, a mounting beam fixed to the primary collar,
3 extending to the rear of the primary collar and connectable to a boat trailer, a hitch
4 tongue connected to the primary collar and extending forward from the primary
5 collar, and a hitch assembly component attached to a hitch tongue forward end;
6 a primary mast including a primary front vertical member with a front
7 member lower end fixed to the primary collar, a primary rear vertical member with
8 a rear member lower end fixed to the primary collar, and a primary horizontal
9 beam fixed to a primary front vertical member upper end and a primary rear
10 vertical member upper end;
11 a vertical height adjustment frame including a ring member that is
12 smaller than the primary collar and can pass through the primary collar, a

13 secondary front vertical member connected to the ring member, a secondary rear
14 vertical member connected to the ring member and a second top horizontal bar
15 connected to the secondary front vertical member and the secondary rear vertical
16 member and slidably attached to the primary front vertical member and the
17 primary rear vertical member of the primary mast;
18 a linear actuator connected to the primary collar and to the vertical
19 height adjustment frame to slide the vertical height adjustment frame relative to
20 the primary mast;
21 a power unit frame pivotally connected to the secondary top
22 horizontal bar of the vertical height adjustment frame for pivotal movement about
23 a generally vertical axis, a motor mounted on the power unit frame, at
24 least one tire and wheel journaled on the power unit frame for rotation about a
25 generally horizontal axis and driven by the motor; and
26 a steering assembly connected to the power unit frame for pivoting
27 the power unit frame about the generally vertical axis relative to the vertical height
28 adjustment frame.

1 12. (new) A boat trailer tug, as set forth in claim 11, wherein the linear actuator
2 is connected to the vertical height adjustment frame through a bell crank that is
3 pivotally attached to the primary mast.

1 13. (new) A boat trailer tug, as set forth in claim 11, including an operator's
2 seat mounted on the primary collar.